IN THE ABSTRACT

Please amend the abstract as follows:

A method ~~and apparatus~~ for measuring properties of a fluid that ~~liquid composition~~ includes oscillating a ~~mechanical~~ tuning fork resonator in a fluid. ~~, such as a cantilever, connected to a measurement circuit. The mechanical resonator can be covered with a coating to impart additional special detection properties to the resonator, and multiple resonators can be attached together as a single sensor to obtain multiple frequency responses.~~ The invention is particularly suitable for in-line monitoring of various physical and electrical properties of fluids flowing in a conduit. ~~combinatorial chemistry applications, which require rapid analysis of chemical properties for screening~~.